

BUTTER-MAKING HINTS

Never Mix Warm Cream With the Cooled Article.

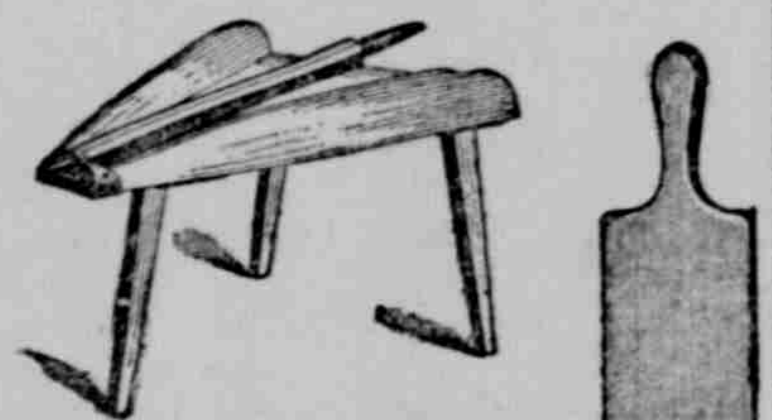
If Desirable to Use Artificial Coloring It Should Be Added to Cream Before Churning—Put Up in Neat Packages.

Cool the cream from the separator as soon as possible to 55 degrees F. or lower.

Never mix warm cream with cool cream.

Mix all the cream to be churned in one vat or can at least 18 hours before churning.

Ripen at a temperature of 70 to 75 degrees F. for from six to eight hours,



Lever Butter Worker and Wooden Ladle.

stirring frequently during this period. Cool cream to churning temperature as soon as ripe.

Let the cream stand eight hours or more (overnight) at the churning temperature.

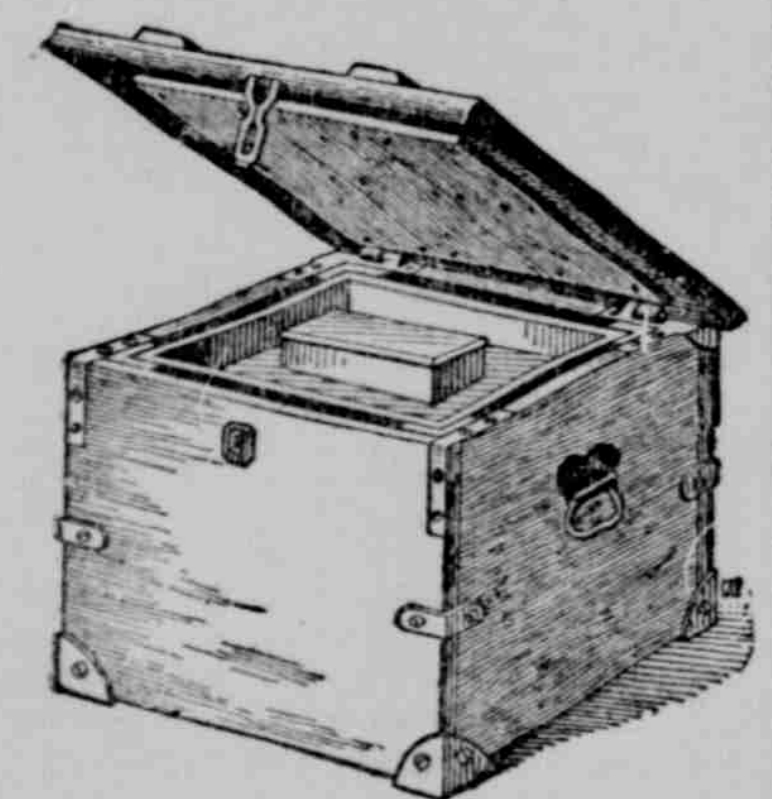
The temperature of churning should be such as to make the butter come in from 35 to 40 minutes, usually 55 to 60 degrees F.

If it is desired to use artificial coloring, it should be added to the cream just before churning.

Stop churning when the granules are about the size of peas, varying to wheat, and draw off the buttermilk.

Wash the butter once with pure water at the churning temperature, agitating three or four times, and drain.

Wash a second time with water about four degrees above churning



Butter Shipping or Delivery Box.

temperature, agitating seven or eight times, and drain.

Add the salt wet while the butter is in granular form, using about one to one and one-half ounces for each pound of butter, according to the demands of the market.

Work the butter just enough to distribute the salt evenly.

If the butter is to go on the market it should be put up in neat, attractive packages.

BEST TOP LAYER OF SILAGE

Heavy Green Stalks From Which Ears Have Been Removed Form Heavy Cover—Packs Well.

For the top layer of the silo a good practice is to use heavy green stalks from which the ears have been removed. This forms a heavy layer that packs well and at the same time contains a smaller amount of food materials so that the minimum loss is sustained if it spoils.

Various methods and materials have been used for covering the top of the silage to prevent its spoiling. None have given complete satisfaction, but the one mentioned above has given as good results as any, especially when the top layer was thoroughly wet down and packed firmly by tramping.

The best practice is to commence feeding as soon as the silo is filled, in which case there will be no loss of silage through decay.

SPRAYING PAID IN MISSOURI

On One Orchard Net Profit Was Found to Be \$161.12 Per Acre—Insects Are High Livers.

Insects are high livers. On an acre of apple trees they may destroy a hundred dollars' worth of fruit. The average value of the fruit of an acre of unsprayed apple trees in the state of Missouri has been found to be \$18.05. Four careful sprayings made this value jump to an average of \$187.19 an acre. On one orchard in 1913 the net profit due to spraying was found to be \$161.12 an acre. The average cost per tree for the first spraying was 6.6 cents, 13 cents for the second, 9.5 cents for the third, and 8 cents for the fourth—a total of 37.1 cents a tree, or an average of \$22.26 an acre.—American Farming.

Way to Pack Fruit.

Fruit of every kind should be packed in boxes or baskets, stamped with the name of the grower, and if he will select a name for his product as a sort of trade-mark in addition to his own name, he will have, in time, a valuable asset, provided he lives up to it in every way.

FEEDING FOR WINTER EGGS

It Is Never Advisable to Feed Heavily During Early Hours of Day—Keep the Hens Scratching.

In feeding poultry, it is never advisable to feed heavily during the early hours of the day. A hen gorged with food early in the morning, will have no incentive to exercise—will lay around the roosting quarters and take on fat. In feeding for winter eggs the appetites of the hens should never be fully satisfied until just before they go to roost at night.

During the winter months I always feed the first food of the day in deep litter, says a writer in an exchange. The scratch grain is composed of equal parts whole wheat and cracked corn. A mash food is never fed early in the morning, for the reason that it fully satisfies the appetites of the hens and they will not work diligently in the litter. The wet mash is fed at noon or shortly thereafter. The mash is composed of two parts bran, one part each of middlings, cornmeal, cut clover, beef scrap and ground oats, with the hulls sifted out. The hens are given all they will eat of this mash. If any is left after the hens are through feeding, it is removed and given to the hogs. About an hour before dark the hens are given all they will eat of whole corn and wheat and sent to bed with full crops. Grit, charcoal and oyster-shell are kept before them all the time.

KEEP LITTLE PIGS GROWING

Eastern Breeder Describes Plan of Weaning Youngsters—First Give Oats and Milk.

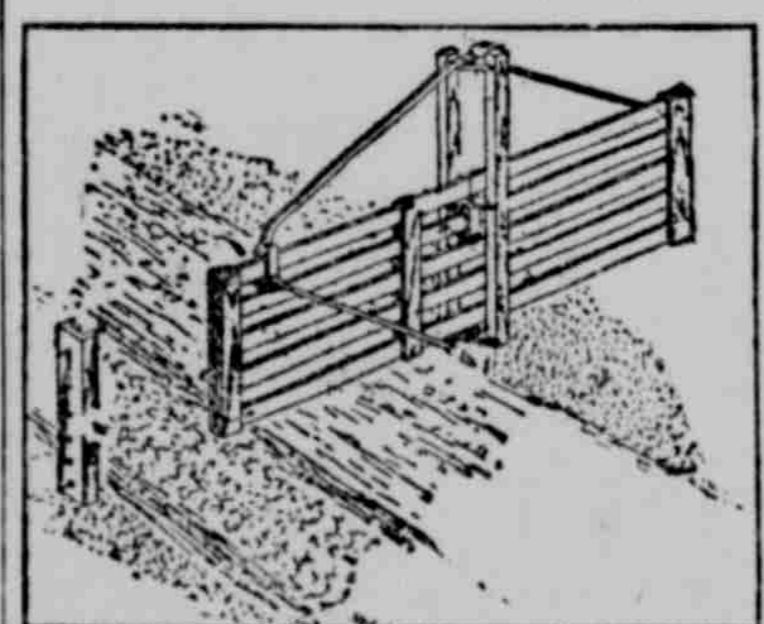
To keep pigs growing properly they should have as little set-back at weaning as possible. This is the way that an eastern breeder describes his system:

"Before my pigs are weaned I teach them to eat and they are ready and eager for their meals when they are weaned. I first give them oats and milk, putting the oats in a trough, pouring the milk over them so they cannot get too much milk at one time. If I am short on milk, I put oil meal and middlings in milk and pour it on the oats. This plan starts the pigs eating while they are still suckling their mother and it is the best feed I have used for this purpose. As they get older I feed oats separately and make slop of oil meal one quart, middlings three gallons, milk and water 20 gallons. Then put 20 pounds of dry bran in the troughs and pour on the slop and turn them in. Give them only enough so they will clean it up well as if they wanted a little more. This keeps their appetite just sharp enough. A little corn is fed also and at eight months old these pigs will make as good as you will find."

PRACTICAL GATES FOR FARM

One Recently Invented by California Man—Device Is Mounted in Space Between Two Posts.

Practical farm gates are always worth a second thought. Here is one recently patented by a California man. There is a keeper post and a pair of spaced diagonally offset posts, the gate being mounted in the space between the posts. Brackets connecting the posts are disposed at the ends and center of the lengths of the posts, a stirrup being pivoted to the central bracket between the ends of this and straddling one of the gate rails and



Practical Farm Gate.

having a roller connected at its free end, on which the gate rail rides, to support the gate against downward movement. An upper and lower bar is used as a hanger for the gate, this having a roller at the front end, which rides on the rail. The two pivotal points of hanger and the pivotal point of the stirrup are disposed in the same vertical plane.—Farming Business.

SPREADING STRAW ON FIELDS

Helps Prevent Soil Blowing and Affords Protection for Crops—Adds Needed Humus.

Where straw is present in such quantities that it cannot be worked over by live stock it can be spread directly on the fields. It helps to prevent soil blowing and serves as a winter protection for the crop. As it gradually decays it becomes a part of the soil in the form of humus or decaying organic material.

The scattering of the old straw stacks found on the big wheat farms will pay well for the labor expended. Now that special straw spreaders have been constructed it is not such a big task to spread the straw produced.

Scientific Farming.

No farming is scientific and progressive that is not practical. The most practical farmer is the most progressive farmer, and the most progressive farmer is the most scientific.

BEIGE HIGH IN FAVOR

MATERIAL THAT HAS MUCH TO RECOMMEND IT.

Can Be Worn, and Look Well, With Almost Any Kind of Garment, While More Glaring Colors Become Distasteful.

Out of the flower garden of gorgeous tones that the early autumn produced, beige has crept into sight, gained on the other colors, and it now looks as though it might lead for street costume.

It is a neutral color. It allows a woman to wear whatever hat, or blouse, or belt she possesses. Any kind of fur can be placed upon it without detriment to either fabric. No wonder, with those excellent qualities, it is making friends and finding a welcome among the most exclusive fashions.

One gets tired of a riot of colors. There must be tropical blood and tropical climate to allow of a continued use of scarlet, bright blue, flame pink, prelate purple, emerald green and ruby. These colors are all good in the evening, and no one wishes to take away from them a limited degree of popularity.

For the street, for the passing crowd, for the perpetual panorama of women parading to and fro, and up and down, the eye demands something more subdued than the violent colors mentioned. There is always black to fall back on, but the American women have a violent distaste for black clothes this season; they want to get away, probably, from the symbol of all the sorrow across the water; this does not mean that they



Coat of Pony Skin With Wide Border, Collar and Cuffs of Sable Squirrel.

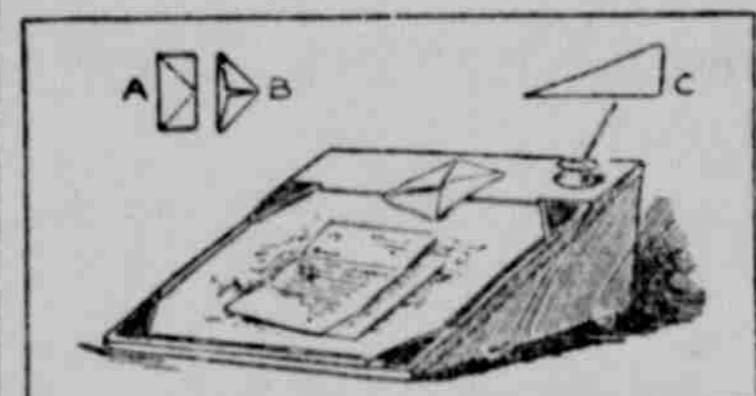
are not charitable and sympathetic, but why wear black, they ask? And why should they?

If not black, then what? Beige is the quick answer that has come from the smart shops this month. The new tone that goes under this name is not exactly the one that came out of France last summer; it is deeper, warmer, more vibrating.

HANDY SMALL WRITING DESK

Sloping Surface That May Be Easily Arranged Is a Matter of More Than Comfort.

Writing or drawing upon a flat surface such as a writing-table causes the writer to stoop more than if the paper is arranged at an angle sloping towards him, and not only this,



but it is much more comfortable and far less tiring to write upon a sloping surface. We give a sketch here of a handy little desk that can be easily made from a small drawing board or even the well-made lid of a wooden box.

On either side of the board underneath, pieces of wood of the shape shown in diagram C are fastened; this can be done either with nails or screws run through the board and into the upper edges of the wood. Then for fitting it up as a writing desk, "corners" made of kid can be glued on where indicated and pieces of blotting paper cut to fit slipped in underneath them. Diagram A shows the shape of the pieces of kid required, and they are folded at the points marked with the dotted lines with the result shown in diagram B.

To complete the desk, a small cir-

ONE OF THE NEWEST GOWNS



Bodice and alternate flounces of delicate pink satin; right half of bodice, delicate pink tulle. Short sleeves of pink tulle; lower middle and upper section of skirt of pailletted pink tulle studded with rhinestones. Pink rose tucked in corsage. High comb of jet and brilliants.

It does not soil easily and it makes an admirable redingote to wear over any kind of frock, serge or silk, velvet or chiffon; it is chosen by the really smart women for a severely plain coat and skirt touched off with deep brown fur, for it is the opinion of the experts that soon the motto for the tailors will be: The plainer the better.

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CURTAINS THAT COST LITTLE

Inexpensive Material for Windows May Be Made Attractive If a Little Care Is Exercised.

There are many inexpensive materials which have been utilized for window curtains with surprising success. One woman hung curtains of cheesecloth, trimmed with narrow cotton fringe. Another is using cream-colored seersucker, also finished with this narrow cotton fringe. The advantages of the latter material from the laundress' point of view are many, since the curtains will never need to be ironed.

Unbleached muslin has many possibilities. One made-over farmhouse has in the room on the ground floor sash curtains of this muslin, on which squares of Persian figured calico or print have been stitched at intervals, just suiting the old-fashioned small-paneled windows. For a blue dining room or one with quaint Dutch doors and windows, unbleached muslin would be charming with the mixed red and blue cotton fringe.

Making a High Collar.

These suits of checks and other mixed fabrics, which are made without fur collars and often with open collars of the regulation notched sort, can be converted into high-collared suits with the help of a little standing collar of fur. The coat is simply closed to the throat and the little fur collar is worn over the upturned collar of the coat—with a decidedly smart result.

lar hole can be cut in the top right-hand corner of the board into which a bottle of ink can be tilted as shown.

PRETTY WORK EASILY DONE

Embroidered Silk Stockings Within the Reach of All Who Are Clever With the Needle.

Black silk stockings embroidered in gold and silver threads are expensive things unless one is able to do the work in odd moments instead of a less practical form of fancy work. Long, slender leaves, grasses and sprays of wheat are all among the decorative possibilities of this style of embroidery.

Another advantage in embroidering one's own hosiery is that it is a matter of choice whether the effort is expended on a pair of such fineness as to prove an extravagance or on hosiery with silk mesh inset only from the instep to the calf, and of astonishing durability. It would be impossible to find these boot-top silk stockings among the hand-embroidered type, and yet they prove the most satisfying for the girl who does her own ornamentation.

By studying the designs of embroidery used in the most expensive silk hosiery displayed at the best shops, the girl with more time than money can get many ideas on this subject which she can adopt to her own uses.

Silver and Gilt Buttons.

Silver and gilt buttons, globe shaped, are especially effective as trimming for taffeta frocks.

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PROUD BEAUTY IN DISTRESS

Incident Reads Something Like Scene From Modern Novel in Its Dramatic Intensity.

She was a proud beauty. "Sir!" she cried with flashing eyes, "release my hand!"

He saw her flashing eyes; he knew she was a proud beauty. He retained possession of her hand and stared at it fixedly.

"Mr. Dottles!" she exclaimed, "will you release my hand?"

Her very nose seemed to flash.

There were few beauties prouder than she.

"In a moment," he promised.

"Now!" she screamed. "Release my hand instantly or I shall stop playing. Even if you are my partner I'm not going to have you give the impression that I haven't sense enough to play my hand."

So, with a sigh, he gave her back her hand, though he knew she would bugle it, and they were playing for real money that day, too.

She was a proud beauty.—Detroit Free Press.

His Method.

"You've been driving for years and never had an accident you say?"

"That's true."

"How have you managed it?"

"Well I make my rule: 'I will look out for the other fellow,' instead of insisting on my rights and making him look out for me."

To Cure a Cold in One Day

Take LAXATIVE BROMO QUININE Tablets. Druggists refund money if it fails to cure. E. W. GROVE'S signature is on each box. 25c.

His Class.

Isn't little Mrs. Brightly's husband devoted to the races?"

"Yes; she calls him her better half."

To keep clean and healthy take Dr. Pierce's Pleasant Pellets. They regulate liver, bowels and stomach.—Adv.

The Waves Are Saying.

First Wave—What has been wished on us now?

Second Wave—A joyfall.

When all others fail to please Try Denison's Coffee.

Don't ridicule other people's ideas. Try to have them adopt yours.

Sure of Their Destination.

A five-year-old boy on Laurel avenue has been observed recently to make frequent use of a tree in the yard as a make believe telephone while playing soldier. A neighbor, who has been much amused by the boy's actions, stopped him one day and asked him to explain his game. "This is the invariable 'telephone' conversation, as described by the boy: 'Ding-a-ling-a-ling! Is this God? I have just killed another soldier and he'll be right up.'—St. Paul Dispatch.

The Kind.

"He was a regular furnace of wrath."

"Yes—a hot-air furnace."

The mule is the only deadly weapon the projectile of which is discharged from the breech.

The Army of Constipation

Is Growing Smaller Every Day.

CARTER'S LITTLE LIVER PILLS are responsible—they not only give relief

—they permanently cure Constipation. Millions use them for

Biliousness, Indigestion, Sick Headache, Sallow Skin.

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W. N. U., Indianapolis, No. 52-1915.

Three Hundred Million Bushel Crop in 1915

Farmers pay for their land with one year's crop and prosperity was never so great.

Regarding Western Canada as a grain producer, a prominent business man says: "Canada's position today is sounder than ever. There is more wheat, more oats, more grain for feed, 20% more cattle than last year and more hogs. The war market in Europe needs our surplus. As for the wheat crop, it is marvelous and a monument of strength for business confidence to build upon, exceeding the most optimistic predictions."

Wheat averaged in 1915 over 25 bushels per acre Oats averaged in 1915 over 45 bushels per acre Barley averaged in 1915 over 40 bushels per acre

Prices are high, markets convenient, excellent land, low in price either improved or otherwise, ranging from \$12 to \$30 per acre. Free homestead lands are plentiful and not far from railway lines and convenient to good schools and churches. The climate is healthful.

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